



Features:

High Safety

- High Thermal Stability
- Over-charge & Over-discharge Tolerance

Versatility in Applications

- Off-grid Solutions
- Backup Power Systems

Lower Cost

- Abundant Resources
- Simpler Production Processes

Better Performance

- Wider Temp. Adaptability

Storage & Float Charging

- Low Self-discharge
- Suitable for Float Charging

Flexible Structure

- Compact & Scalable
- Ideal Replacement
- BMS is Unnecessary

Environment & Sustainability

- Eco-friendly
- Long Cycle Life

- Good Power Output

Application:



**5G
Communication
Base Station**



**Satellite
Ground
Station**



**Data
Center**



**Microwave
Communication
Equipment**

Technical Specifications:

Item	SIBPOM-4850
Rated Capacity	50Ah
Nominal Voltage	48.5V
Discharging Cut-off Voltage	40V(25.5V)
Charging Cut-off Voltage	56.1V(56.1V)
Standard Charging	Continuous Current: 50A Cut-off Voltage: 56.1V
Standard Discharging	Continuous Current: 50A Cut-off Voltage: 25.5V
Max Continuous Charging Current	50A
Max Continuous Discharging Current	50A
Operating Temp. Range	Charging: -10 ~ 50°C Discharging: -45 ~ 65°C
Storage Temp. Range	25 ± 3°C
Dimensions (W*D*H)	486*563*133(mm)
Weight	38kg
Shipped Product Charging	0% Power
Packaging Material	Cardboard